

Type	Text	DBs	Time Stamp
1	BRS_0 ((buried adj sinker) with collector)	USPAT, US-PGPUB	2004/03/16
2	BRS_0 ((buried adj sinker) same collector)	USPAT, US-PGPUB	2004/03/16
3	BRS_0 ((graded adj sinker)	USPAT, US-PGPUB	2004/03/16
4	BRS_2 ((graded or gradient) with sinker)	USPAT, US-PGPUB	2004/03/16
5	BRS_7 ((((graded or gradient) with emitter)) and ((257/\$3.cor.) or (438/\$3.cor.))) and (((@ad<20030919) or (@rlad<20030919) or (@rad<20030919)) and ((257/\$3.cor.) or (438/\$3.cor.)))	USPAT, US-PGPUB	2004/03/16
6	BRS_22 ((((graded or gradient) with cathode with concentration)) and ((257/\$3.cor.) or (438/\$3.cor.)))	USPAT, US-PGPUB	2004/03/16
7	BRS_20 (("5640040" "5438220"	USPAT, US-PGPUB	2004/03/16
8	BRS_4 (((graded or gradient) with concentration) and (("5640040" "5438220"	USPAT, US-PGPUB	2004/03/16
9	BRS_22 ((((graded or gradient) with cathode with concentration)) and ((257/\$3.cor.) or (438/\$3.cor.))) and (((@ad<20030919) or (@rlad<20030919) or (@rad<20030919)) and ((257/\$3.cor.) or (438/\$3.cor.)))	USPAT, US-PGPUB	2004/03/16
10	BRS_34 (((graded) with (scr or rectifier or thyristor) .	USPAT, US-PGPUB	2004/03/16
11	BRS_6 257/131.cor.	USPAT, US-PGPUB	2004/03/16
12	BRS_8 (("5485027"	USPAT, US-PGPUB	2004/03/16
13	BRS_8 (("5485027"	USPAT, US-PGPUB	2004/03/16
14	BRS_6 ((((emitter with sinker) and (collector with sinker)) and (((@ad<20030919) or (@rlad<20030919))) and ((257/\$3.cor.) or (438/\$3.cor.))) and (((@ad<20030919) or (@rlad<20030919))) and ((257/335.ccls.)	USPAT, US-PGPUB	2004/03/16
15	BRS_0 ((((emitter with sinker) and (collector with sinker)) and (((@ad<20030919) or (@rlad<20030919))) and ((257/335.ccls.)	USPAT, US-PGPUB	2004/03/16
16	BRS_1 (emitter with ("n+ sinker" and "n buried layer"))	USPAT, US-PGPUB	2004/03/16
17	BRS_2 (emitter with ("n sinker" and "n buried layer"))	USPAT, US-PGPUB	2004/03/16
18	BRS_9 (collector with ("n sinker" and "n buried layer"))	USPAT, US-PGPUB	2004/03/16
19	BRS_0 (emitter with ("n+ isolation" and "n buried layer"))	USPAT, US-PGPUB	2004/03/16
20	BRS_1 (collector with ("n+ isolation" and "n buried layer"))	USPAT, US-PGPUB	2004/03/16
21	BRS_35 (emitter with ("n+ isolation" or "n buried layer" or "N+ sinker")) and (vertical with npn)	USPAT, US-PGPUB	2004/03/16
22	BRS_46 (emitter with ("n+ isolation" or "n buried layer" or "N+ sinker")) and ((collector or emitter) with npn)	USPAT, US-PGPUB	2004/03/16
23	BRS_33 ((emitter with ("n+ isolation" or "n buried layer" or "N+ sinker")) and ((collector or emitter) with npn)) and (vertical with npn)	USPAT, US-PGPUB	2004/03/16
24	BRS_0 ((((emitter with sinker) and (collector with sinker)) and (((@ad<20030919) or (@rlad<20030919))) and ((257/343.ccls.)	USPAT, US-PGPUB	2004/04/13
25	BRS_5 (collector with sinker) and (@ad<20030919 or @rlad<20030919) and (257/343.ccls.)	USPAT, US-PGPUB	2004/04/13
26	BRS_12 (collector with sinker) and (@ad<20030919 or @rlad<20030919) and (scr or rectifier)	USPAT, US-PGPUB	2004/04/13
27	BRS_45 (collector with sinker) and (@ad<20030919 or @rlad<20030919) and (anode and cathode)	USPAT, US-PGPUB	2004/04/13
28	BRS_38 (((collector with sinker) and (@ad<20030919 or @rlad<20030919) and (anode and cathode)) not (((collector with sink	USPAT, US-PGPUB	2004/04/13
29	BRS_38 (((collector with sinker) and (@ad<20030919 or @rlad<20030919) and (anode and cathode)) not (((collector with sink	USPAT, US-PGPUB	2004/04/13
30	BRS_23 (((collector with sinker) and (@ad<20030919 or @rlad<20030919) and (anode and cathode)) not (((collector with sink	USPAT, US-PGPUB	2004/04/13
31	BRS_15 (((collector with sinker) and (@ad<20030919 or @rlad<20030919) and (anode and cathode)) not (((collector with sink	USPAT, US-PGPUB	2004/04/13
32	BRS_38 (((collector with sinker) and (@ad<20030919 or @rlad<20030919) and (anode and cathode)) not (((collector with sink	USPAT, US-PGPUB	2004/04/13
33	BRS_22 (((qraded) with (scr or rectifier or thyristor))) and ((257/\$3.cor.) or (438/\$3.cor.)) and (((@ad<20030919) or (@rlad<20030919) or (@rad<20030919)) and ((257/\$3.cor.) or (438/\$3.cor.)))	USPAT, US-PGPUB	2004/04/13
34	BRS_9 (collector with sinker) and (@ad<20030919 or @rlad<20030919) and (cathode with base with emitter)	USPAT, US-PGPUB	2004/04/13
35	BRS_31 ((((@ad<20030919 or @rlad<20030919) and (cathode with base with emitter)) and ((257/\$3.cor.) or (438/\$3.cor.))) and ((257/\$3.cor.) or (438/\$3.cor.)))	USPAT, US-PGPUB	2004/04/13
36	BRS_7 ((((@ad<20030919 or @rlad<20030919) and (cathode with base with emitter)) and ((257/\$3.cor.) or (438/\$3.cor.))) and ((257/\$3.cor.) or (438/\$3.cor.)))	USPAT, US-PGPUB	2004/04/13
37	BRS_5 ((((@ad<20030919 or @rlad<20030919) and (cathode with base with emitter)) and ((257/\$3.cor.) or (438/\$3.cor.))) and ((257/\$3.cor.) or (438/\$3.cor.)))	USPAT, US-PGPUB	2004/04/13
38	BRS_7 ((((@ad<20030919 or @rlad<20030919) and (cathode with base with emitter)) and (emitter with sinker))	USPAT, US-PGPUB	2004/04/13
39	BRS_19 ((((@ad<20030919 or @rlad<20030919) and (cathode with base with emitter)) and ((257/\$3.cor.) or (438/\$3.cor.))) and ((257/\$3.cor.) or (438/\$3.cor.)))	USPAT, US-PGPUB	2004/04/13
40	BRS_7 (collector with sinker) and (@ad<20030919 or @rlad<20030919) and (cathode with sinker)	USPAT, US-PGPUB	2004/04/13
41	BRS_23 (((collector with sinker) and (@ad<20030919 or @rlad<20030919) and (anode and cathode)) not (((collector with sink	USPAT, US-PGPUB	2004/04/13
42	BRS_6 (((collector with sinker) and (@ad<20030919 or @rlad<20030919) and (emitter with sinker)) and (cathode with base wit	USPAT, US-PGPUB	2004/04/13
43	BRS_20 (((collector with sinker) and (@ad<20030919 or @rlad<20030919) and (emitter with sinker)) and (base with sinker)) a	USPAT, US-PGPUB	2004/04/13

Type	Hits	Search Text	CBS	Time Stamp
44	BRS_0	((collector with sinker) and (@ad<20030919 or @rlad<20030919) and (emitter with sinker)) and (257/131.ccls.)	USPAT; US-PGPUB	2004/04/13
45	BRS_0	((@ad<20030919 or @rlad<20030919) and (257/107.ccls.)) and (emitter with sinker)	USPAT; US-PGPUB	2004/04/13
46	BRS_41	((@ad<20030919 or @rlad<20030919) and (257/107.ccls.)) and (emitter with cathode)	USPAT; US-PGPUB	2004/04/13
47	BRS_0	((@ad<20030919 or @rlad<20030919) and (257/107.ccls.)) and (emitter with n\$1sinker)	USPAT; US-PGPUB	2004/04/13
48	BRS_1	(emitter with n\$1sinker)	USPAT; US-PGPUB	2004/04/13
49	BRS_0	((collector with sinker) and (@ad<20030919 or @rlad<20030919) and (emitter with sinker)) and (257/107.ccls.)	USPAT; US-PGPUB	2004/04/13
50	BRS_6	((@ad<20030919 or @rlad<20030919) and (257/149,152.ccls.))	USPAT; US-PGPUB	2004/04/13
51	BRS_0	(collector with sinker) and (@ad<20030919 or @rlad<20030919) and (257/107.ccls.)	USPAT; US-PGPUB	2004/04/13
52	BRS_0	(emitter with sinker) and (@ad<20030919 or @rlad<20030919) and (257/107.ccls.)	USPAT; US-PGPUB	2004/04/13
53	BRS_0	(sinker) and (@ad<20030919 or @rlad<20030919) and (257/122.ccls.)	USPAT; US-PGPUB	2004/04/13
54	BRS_2	(sinker) and (@ad<20030919 or @rlad<20030919) and (257/141.ccls.)	USPAT; US-PGPUB	2004/04/13
55	BRS_1	(sinker) and (@ad<20030919 or @rlad<20030919) and (257/167.ccls.)	USPAT; US-PGPUB	2004/04/13
56	BRS_34	((@ad<20030919 or @rlad<20030919) and (257/144.ccls.)) and (emitter with substrate)	USPAT; US-PGPUB	2004/04/13
57	BRS_0	(sinker) and (@ad<20030919 or @rlad<20030919) and (257/144.ccls.)	USPAT; US-PGPUB	2004/04/13
58	BRS_2	(sinker) and (@ad<20030919 or @rlad<20030919) and (257/107.ccls.)	USPAT; US-PGPUB	2004/04/13
59	BRS_0	(sinker) and ((257/152.ccls.))	USPAT; US-PGPUB	2004/04/13
60	BRS_2	(sinker) and (((@ad<20030919 or @rlad<20030919) and (257/141.ccls.))	USPAT; US-PGPUB	2004/04/13
61	BRS_11	(collector with diffusion) and (((@ad<20030919 or @rlad<20030919) and (257/141.ccls.))	USPAT; US-PGPUB	2004/04/14
62	BRS_1	(base with "next" with emitter) and (((@ad<20030919 or @rlad<20030919) and (257/141.ccls.))	USPAT; US-PGPUB	2004/04/14
63	BRS_7	(base with "adjacent" with emitter) and (((@ad<20030919 or @rlad<20030919) and (257/141.ccls.))	USPAT; US-PGPUB	2004/04/14
64	BRS_2	(base near "apart" near emitter) and (((@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.)))	USPAT; US-PGPUB	2004/04/14
65	BRS_18	(base near2 "apart" near2 emitter) and (((@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.)))	USPAT; US-PGPUB	2004/04/14
66	BRS_2	(base near "separate" near emitter) and (((@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.)))	USPAT; US-PGPUB	2004/04/14
67	BRS_31	(base near "separate" near emitter) and (((@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.)))	USPAT; US-PGPUB	2004/04/14
68	BRS_12	(base near "spaced" near emitter) and (((@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.)))	USPAT; US-PGPUB	2004/04/14
69	BRS_6	(collector with sinker) and (((@ad<20030919 or @rlad<20030919) and (emitter with sinker)) and (scr or rectifier))	USPAT; US-PGPUB	2004/04/14
70	BRS_6	((base near2 "separate" near2 emitter) and (((@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.)))	USPAT; US-PGPUB	2004/04/14
71	BRS_0	(emitter adj plug) and (((@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.))) and anode and cat	USPAT; US-PGPUB	2004/04/14
72	BRS_0	(emitter adj plug) and (((@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.))) and (scr or rectifier))	USPAT; US-PGPUB	2004/04/14
72	BRS_12	(emitter adj plug) and (((@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.))) and lateral	USPAT; US-PGPUB	2004/04/14
74	BRS_21	(emitter adj plug) and (((@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.)))	USPAT; US-PGPUB	2004/04/14
75	BRS_2	(base with "apart" with emitter) and (((@ad<20030919 or @rlad<20030919) and (257/141.ccls.))	USPAT; US-PGPUB	2004/04/14
76	BRS_4	((base near "apart") with emitter) and ((emitter with base) and (((@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.)))	USPAT; US-PGPUB	2004/04/14
77	BRS_2	(bscr) and (((@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.)))	USPAT; US-PGPUB	2004/04/17
78	BRS_15	("5808342" "5747834") and (((@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.)))	USPAT; US-PGPUB	2004/04/17
79	BRS_2	((base near apart near emitter) and (((@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.)))	USPAT; US-PGPUB	2004/04/18
80	BRS_18	((base near2 apart near2 emitter) and (((@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.)))	USPAT; US-PGPUB	2004/04/18
82	BRS_20	((bipolar near (scr or silicon\$1controlled or (silicon adj controlled))) and (((@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.)))	USPAT; US-PGPUB	2004/04/18
83	BRS_2	((base near (separating or separation or separated or separate) near emitter) and (((@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.)))	USPAT; US-PGPUB	2004/04/18
83	BRS_9	((base near2 (separating or separation or separated or separate) near2 emitter) and (((@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.)))	USPAT; US-PGPUB	2004/04/18
84	BRS_0	((base near2 (apart) near2 emitter) and (((@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.)))	USPAT; US-PGPUB	2004/05/02
85	BRS_7	((base near2 (separating or separation or separated or separate) near2 emitter) and (((@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.)))	USPAT; US-PGPUB	2004/05/02
86	BRS_25	((scr or silicon\$1controlled or (silicon adj controlled)),bsmr.) and (((@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.)))	USPAT; US-PGPUB	2004/05/02

Scopes	Scopes	Scopes	Scopes	Scopes
1	2	3	4	5

Type	Text	Search Text	DB	Date
30	BRS 2	(sinker) and ((@ad<20030919 or @rlad<20030919), and (257/141.ccls.))	USPAT, US-PGPUB	2004/04/13
31	BRS 11	(collector with diffusion) and ((@ad<20030919 or @rlad<20030919), and (257/141.ccls.))	USPAT, US-PGPUB	2004/04/14
32	BRS 1	(base with "next" with emitter) and ((@ad<20030919 or @rlad<20030919) and (257/141.ccls.))	USPAT, US-PGPUB	2004/04/14
33	BRS 7	(base with "adjacent" with emitter) and ((@ad<20030919 or @rlad<20030919) and (257/141.ccls.))	USPAT, US-PGPUB	2004/04/14
34	BRS 2	(base near "apart" near emitter) and ((@ad<20030919 or @rlad<20030919), and ((257/\$3.cor.) or (438/\$3.cor.))	USPAT, US-PGPUB	2004/04/14
35	BRS 18	(base near2 "apart" near2 emitter) and ((@ad<20030919 or @rlad<20030919), and ((257/\$3.cor.) or (438/\$3.cor.))	USPAT, US-PGPUB	2004/04/14
36	BRS 2	(base near "separate" near emitter) and ((@ad<20030919 or @rlad<20030919), and ((257/\$3.cor.) or (438/\$3.cor.))	USPAT, US-PGPUB	2004/04/14
37	BRS 31	(base near "separate" near emitter) and ((@ad<20030919 or @rlad<20030919), and ((257/\$3.cor.) or (438/\$3.cor.))	USPAT, US-PGPUB	2004/04/14
38	BRS 12	(base near "spaced" near emitter) and ((@ad<20030919 or @rlad<20030919), and ((257/\$3.cor.) or (438/\$3.cor.))	USPAT, US-PGPUB	2004/04/14
39	BRS 6	(collector with sinker) and ((@ad<20030919 or @rlad<20030919) and (emitter with sinker)) and (scr or rectifier)	USPAT, US-PGPUB	2004/04/14
40	BRS 6	((base near2 "separate" near2 emitter) and ((@ad<20030919 or @rlad<20030919), and ((257/\$3.cor.) or (438/\$3.cor.)))	USPAT, US-PGPUB	2004/04/14
41	BRS 0	((emitter adj plug) and ((@ad<20030919 or @rlad<20030919), and ((257/\$3.cor.) or (438/\$3.cor.))) and anode and cat	USPAT, US-PGPUB	2004/04/14
42	BRS 0	((emitter adj plug) and ((@ad<20030919 or @rlad<20030919), and ((257/\$3.cor.) or (438/\$3.cor.))) and (scr or rectifier))	USPAT, US-PGPUB	2004/04/14
43	BRS 12	((emitter adj plug) and ((@ad<20030919 or @rlad<20030919), and ((257/\$3.cor.) or (438/\$3.cor.))) and lateral	USPAT, US-PGPUB	2004/04/14
44	BRS 21	((emitter adj plug) and ((@ad<20030919 or @rlad<20030919), and ((257/\$3.cor.) or (438/\$3.cor.)))	USPAT, US-PGPUB	2004/04/14
45	BRS 2	(base with "apart" with emitter) and ((@ad<20030919 or @rlad<20030919), and (257/141.ccls.))	USPAT, US-PGPUB	2004/04/14
46	BRS 4	((base near "apart") with emitter) and ((emitter with base) and ((@ad<20030919 or @rlad<20030919), and ((257/\$3.cor.) or (438/\$3.cor.)))	USPAT, US-PGPUB	2004/04/14
47	BRS 2	((bscr) and ((@ad<20030919 or @rlad<20030919), and ((257/\$3.cor.) or (438/\$3.cor.)))	USPAT, US-PGPUB	2004/04/17
48	BRS 15	("5808342" "5747834") and ((@ad<20030919 or @rlad<20030919), and ((257/\$3.cor.) or (438/\$3.cor.)))	USPAT, US-PGPUB	2004/04/17
49	BRS 2	(base near apart near emitter) and ((@ad<20030919 or @rlad<20030919), and ((257/\$3.cor.) or (438/\$3.cor.)))	USPAT, US-PGPUB	2004/04/18
50	BRS 18	(base near2 apart near2 emitter) and ((@ad<20030919 or @rlad<20030919), and ((257/\$3.cor.) or (438/\$3.cor.)))	USPAT, US-PGPUB	2004/04/18
51	BRS 20	((bipolar near (scr or silicon\$1controlled or (silicon adj controlled))) and ((@ad<20030919 or @rlad<20030919), and ((257/\$3.cor.) or (438/\$3.cor.)))	USPAT, US-PGPUB	2004/04/18
52	BRS 2	((base near (separating or separation or separated or separate) near emitter) and ((@ad<20030919 or @rlad<20030919), and ((257/\$3.cor.) or (438/\$3.cor.)))	USPAT, US-PGPUB	2004/04/18
53	BRS 9	((base near2 (separating or separation or separated or separate) near2 emitter) and ((@ad<20030919 or @rlad<20030919), and ((257/\$3.cor.) or (438/\$3.cor.)))	USPAT, US-PGPUB	2004/04/18
54	BRS 0	((base near2 (apart) near2 emitter) and ((@ad<20030919 or @rlad<20030919), and ((257/\$3.cor.) or (438/\$3.cor.)))	USPAT, US-PGPUB	2004/05/02
55	BRS 7	((base near2 (separating or separation or separated or separate) near2 emitter) and ((@ad<20030919 or @rlad<20030919), and ((257/\$3.cor.) or (438/\$3.cor.)))	USPAT, US-PGPUB	2004/05/02
56	BRS 25	((scr or silicon\$1controlled or (silicon adj controlled).bsum.) and ((@ad<20030919 or @rlad<20030919), and ((257/\$3.cor.) or (438/\$3.cor.)))	USPAT, US-PGPUB	2004/05/02
57	BRS 33	((scr or silicon\$1controlled or (silicon adj controlled).bsum.) and ((@ad<20030919 or @rlad<20030919), and ((257/\$3.cor.) or (438/\$3.cor.)))	USPAT, US-PGPUB	2004/05/02
58	BRS 0	(4746629.bn.) and scr	USPAT, US-PGPUB	2004/05/17
59	BRS 1	(4746629.bn.)	USPAT, US-PGPUB	2004/05/17
60	BRS 0	"20040032005" and (scr or rectifier)	USPAT, US-PGPUB	2004/05/17
61	BRS 1	"20040032005"	USPAT, US-PGPUB	2004/05/17
62	BRS 1	6433368.bn.	USPAT, US-PGPUB	2004/05/17
63	BRS 1	"6896731"	USPAT, US-PGPUB	2004/05/17
64	BRS 26	((lateral near (bit or bipolar)) and ((@ad<20030919 or @rlad<20030919), and ((257/\$3.cor.) or (438/\$3.cor.))) and (scr or rectifier))	USPAT, US-PGPUB	2004/05/17
65	BRS 21	("5747834")	USPAT, US-PGPUB	2004/05/17
66	BRS 12	("5747834")	USPAT, US-PGPUB	2004/05/27
67	BRS 0	(5747834.bn.)	USPAT, US-PGPUB	2004/05/27
68	BRS 12	("5747834")	USPAT, US-PGPUB	2004/06/22
69	BRS 21	"5747834"	USPAT, US-PGPUB	2004/06/22
70	BRS 21	"5747834"	USPAT, US-PGPUB	2004/06/22
71	BRS 8	("5747834")	USPAT, US-PGPUB	2004/06/22
72	BRS 12	("5747834")	USPAT, US-PGPUB	2004/06/22